

Title (en)  
Optical fiber connector mechanism

Title (de)  
Mechanismus für faseroptischen Stecker

Title (fr)  
Mécanisme pour connecteur à fibre optique

Publication  
**EP 0367737 B1 19951227 (EN)**

Application  
**EP 89850328 A 19891003**

Priority  
US 26538688 A 19881031

Abstract (en)  
[origin: EP0367737A2] A connector mechanism optically interconnecting a first plurality of optical fibers (26) on a first structure (22) with a second plurality of optical fibers (26) on a second structure (24). A common actuator (52) mounted on the second structure so as to have one degree of freedom of movement only relative thereto between a first position and a second position. The common actuator locking the two structures to each other when is an engaged juxtaposition. The second plurality of optical fibers are carried by the actuator in independent orthogonal motions (XX,YY) relative to said first plurality of optical fibers by movement of the actuator while the structures are maintained in engaged juxtaposition.

IPC 1-7  
**G02B 6/38**; H01R 23/68; G02B 6/36

IPC 8 full level  
**G02B 6/36** (2006.01); **G02B 6/38** (2006.01); **G02B 6/40** (2006.01); **G02B 6/42** (2006.01); **H01R 12/89** (2011.01)

CPC (source: EP US)  
**G02B 6/3839** (2013.01 - EP US); **G02B 6/3847** (2013.01 - EP US); **G02B 6/389** (2013.01 - EP US); **G02B 6/3897** (2013.01 - EP US); **G02B 6/42** (2013.01 - EP US); **H01R 12/89** (2013.01 - EP US); **G02B 6/3652** (2013.01 - EP US); **G02B 6/3692** (2013.01 - EP US)

Cited by  
EP0571037A1; US6481899B1; WO0075703A1

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 0367737 A2 19900509**; **EP 0367737 A3 19910911**; **EP 0367737 B1 19951227**; DE 68925268 D1 19960208; DE 68925268 T2 19960711; JP H02130509 A 19900518; JP H0560846 B2 19930903; US 4934778 A 19900619

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